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10557749 - GAU: 1793

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	FILED HEREWITH <b>80/55774</b>
				Filing Date	FILED HEREWITH
				First Named Inventor	LEE DAVID PROCTOR, et al.
				Group Art Unit	UNKNOWN
				Examiner Name	UNKNOWN
				Attorney Docket Number	WPTL0104PUSA
Sheet	1	of	3		

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<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.F./

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Substitute for Form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	FILED HEREWITH <b>10/1557749</b>
				Filing Date	FILED HEREWITH
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				Group Art Unit	UNKNOWN
				Examiner Name	UNKNOWN
Sheet	2	of	3	Attorney Docket Number	WPTL0104PUSA

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		RATOVELOMANANA-VIDAL, V. et al., "Enantioselectivity hydrogenation of beta-keto esters using chiral diphosphine-Ruthenium complexes: optimisation for academic and industrial purposes and synthetic application" ADV. SYNTH. CATAL., Vol. 345, (01-21-2003), pp. 261-274, XP002290486, page 262, right-hand column - page 265, left-hand column	
		KING S A et al., "An Improved Procedure For The Synthesis And Use Of ARUCL2(BINAP)U2.NET3. DEPENDENCE OF THE RU(II)-BINAP CATALYZED ASYMMETRIC HYDROGENATION OF BETA-KETO ESTERS ON TRACE AMOUNTS OF ACID"; Journal of Organic Chemistry, American Chemical Society, Easton US, Vol. 57, 1992, PP. 6689-6691, xp001121706, ISSN: 0022-3263; PP. 6689-6690, right-hand column, paragraph 1	
		KITAMURA, M, et al., "A Practical Asymmetric Synthesis Of Carnitine"; Tetrahedron Letters, Elsevier Science Publishers, Amsterdam, NL, Vol. 29, No. 13, 1988, pp. 1555-1556; XP001033752; ISSN: 0040-4039, cited in the application, the whole document	
		GENET J P et al., "Enantioselective hydrogenation reactions with a full set of preformed and prepared in situ chiral diphosphine-ruthenium(II) catalysts"; Tetrahedron: Asymmetry, Elsevier Science Publishers, Amsterdam, NL, Vol. 5, No. 4, 1994, pp. 675-690; XP002249781; ISSN: 0957-4166; p. 681, para. 1, page 682, para 1; pp 683-688, tabes. 5, 6, 5-2	
		ZHOU, Y-G, et al., "Highly Effective Chiral Ortho-Substituted Binapo Ligands 9Omicron-Binapo): Applications In Ru-Catalyzed Assymmetric Hydrogenations of Beta-Aryl-Substituted-Beta-(Acylamino)Acrylates and Beta-Keto Esters"; J Am Chem Soc, Washington, D.C., US, Vol. 124, 8 March 2002 (2002-03-08), pp. 4952-4953; XP001106877; ISSN: 0002-7863; the whole document	
		KITAMURA, M., et al., "Convenient preparation of BINAP-Ruthenium(II) Complexes Catalyzing Asymmetric Hydrogenation of Functionalized Ketones"; Tetrehedron letters, Vol. 32, No. 33, pp. 4163-4166, 1991; 0040-4039/91, Pergamon Press	
		PAVLOV, V.A., et al., "Enantioselective hydrogenation of $\beta$ -keto esters catalyzed by chiral binaphthylbisphosphine ruthenium complexes; Russian Chemical Bulletin, Vol. 49, No. 4, April, 2000; 2000 Kluwer Academic/Plenum Publishers	

Examiner Signature	/Michael Forrest/	Date Considered	12/04/2008
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<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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		Notification of Transmittal of the International Search Report and The Written Opinion Of the International Searching Authority, International Appl'n No. PCT/GB2004/001755; Int'l Filing Date: April 26, 2004			
		DAVEY, Peter (Examiner), The Patent Office, Search Report under Section 17(5) dated 7 October 2003			
		AGER, David J., "Reductions of 1,3-dicarbonyl systems with ruthenium-biaryl-bisphosphine catalysts; Tetrahedron: Asymmetry, Vol. 8, No. 20, pp. 3327-3355. 1997 Published by Elsevier Science Ltd.			

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